



Reducing Fusarium Head Blight (Scab) on Wheat & Barley

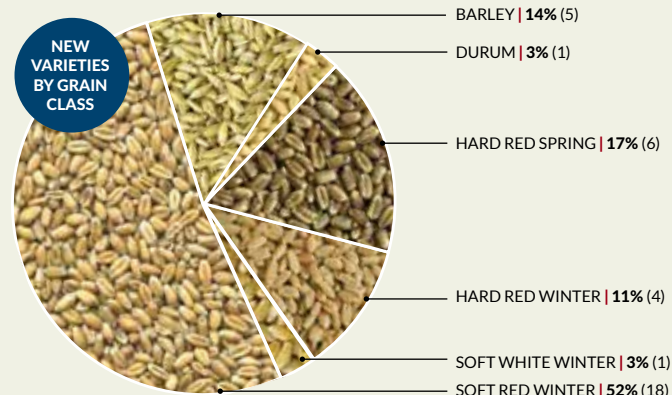
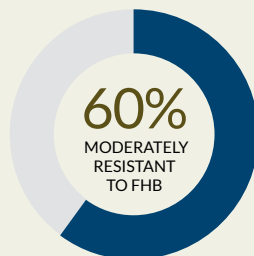
The U.S. Wheat & Barley Scab Initiative's (USWBSI's) stakeholder-driven approach is aimed at identifying and providing research-based solutions to the FHB problem on wheat and barley.

HAVING AN IMPACT...



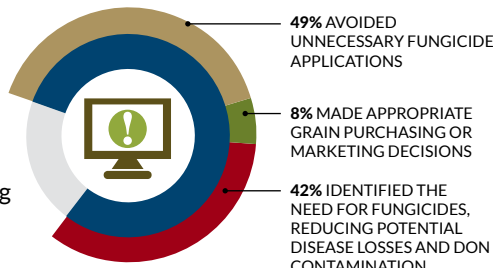
RESISTANT VARIETIES

USWBSI funded breeding efforts for FHB resistant wheat and barley cultivars in FY20 resulted in:



DISEASE FORECASTING

80% of users indicate USWBSI's **FHB Risk Tool** assisted in increasing crop profits



DISEASE MANAGEMENT

PIs in **20+** states conducted Integrated Management trials to evaluate new fungicide chemistries for growers



FOOD SAFETY

53,000+ wheat and barley samples, submitted from 30 states, evaluated for mycotoxin detection through USWBSI funded labs

ECONOMIC RETURN

For every \$1 invested in FHB research by the USWBSI, there are \$71 in benefits generated



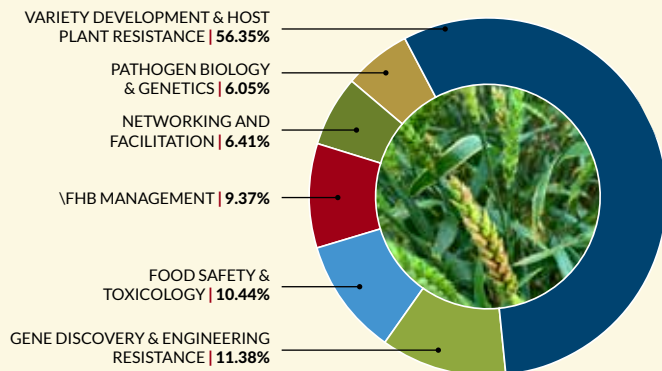
MAKING IT POSSIBLE...

Funding for wheat and barley FHB research is authorized and allocated at \$15 million/year through the U.S. Farm Bill.

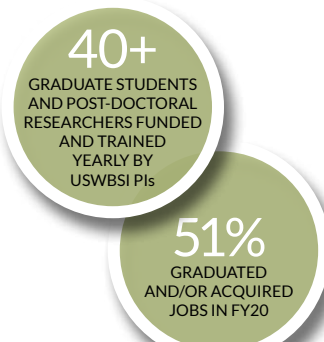
\$15
MILLION

- \$8.6 MILLION ALLOCATED TO USWBSI FUNDING (DISTRIBUTED BY USDA-ARS)
- \$6.4 MILLION IS ALLOCATED DIRECTLY TO USDA-ARS BASE FHB RESEARCH

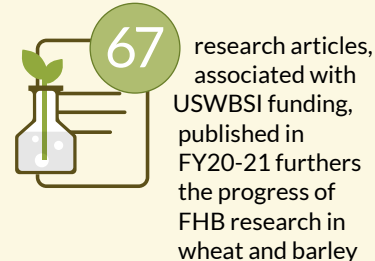
FUNDING BY RESEARCH AREA



FHB RESEARCH TRAINING



FHB RESEARCH PUBLISHED

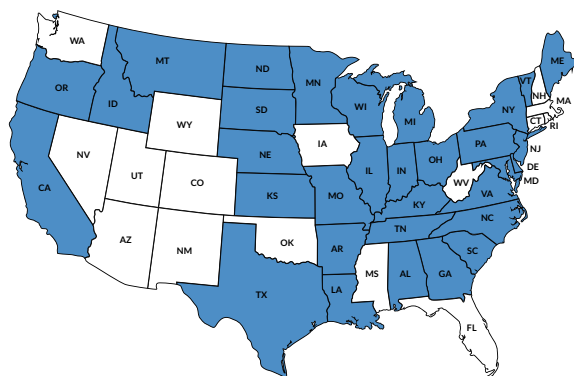


STATES WITH USWBSI RESEARCH PROJECTS

95 Land-Grant Universities and USDA-ARS PI's funded through competitive grants

30 States

160 Projects in progress



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